parameter of each program can be used. The specific analysis methods of using the above programs are known in the art.

IN THE CLAIMS:

Please cancel claims 1-3, 6-13 and 20-24.

Please amend Claims 4, 5, 14 and 15 and add new claims 25-32 to read as follows. A marked-up copy of these claims, showing the changes made thereto, is attached.

4. (Amended) An isolated or purified protein comprising the amino acid sequence represented by SEQ ID NO:1.

5. (Amended) An isolated or purified protein comprising an amino acid sequence in which at most 20 amino acids are deleted, replaced or added in the amino acid sequence represented by SEQ ID NO:1, said protein having a β1,3-galactosyltransferase activity.

14. (Twice Amended) A method for producing a protein according to claims 4 and 5, comprising:

culturing a transformant harboring a recombinant DNA encoding said protein in a medium to produce and accumulate said protein in culture, and

recovering the protein from the culture.

15. (Twice Amended) A method for producing a galactose-containing carbohydrate, comprising:

selecting, as an enzyme source, a culture of the transformant of claim 14 or a treated product of the culture,

allowing the enzyme source, uridine-5'-diphosphogalactose and an acceptor carbohydrate to be present in an aqueous medium to produce and accumulate the galactose-containing carbohydrate in the aqueous medium, and

recovering the galactose-containing carbohydrate from the aqueous medium.

25. (New) The method according to claim 14, wherein said recombinant DNA comprises a vector.

26. (New) The method according to claim 25, wherein said transformant is a microorganism.

27. (New) The method according to claim 26, wherein said microorganism belongs to the genus *Escherichia*.

28. (New) The method according to claim 22, wherein said microorganism is *Escherichia coli*.

29. (New) The method according to claim 15, wherein said recombinant DNA comprises a vector.

30. (New) The method according to claim 29, wherein said transformant is a microorganism.

31. (New) The method according to claim 30, wherein said microorganism belongs to the genus *Escherichia.*

32. The method according to claim 31, wherein said microorganism is *Escherichia coli.*

REMARKS

Claims 1-3 have been cancelled without disclaimer or prejudice of the subject matter therein and claims 4 and 5 have been amended in order to recite the present invention with the specificity required by statute. Claims 14 and 15 are amended so as not to depend from cancelled claims, and new claims 25-32 are added to recite various preferred embodiments of the present invention. The specification has also been amended in order to delete an embedded hyperlink and correct any inadvertent typographical errors noted therein. Accordingly, no new matter has been added.

Claims 1-3 are rejected under 35 U.S.C. §112, first paragraph. In response, to reduce the issues, Applicants have cancelled claims 1-3. Accordingly, the rejection is mooted.